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PATENT ABSTRACTS OF JAPAN

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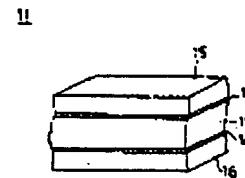
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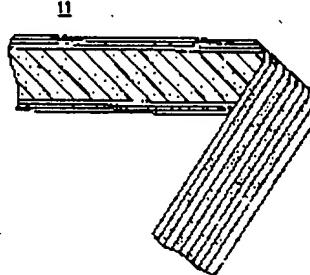
(54) BOTH-FACE MAGNETIC TAPE

(57)Abstract:

PURPOSE: To utilize both faces of a tape as recording faces by forming a front magnetic layer on which recording tracks are formed by a rotary magnetic head for oblique-intersected scanning of the tape on the front side of the tape and forming a rear magnetic layer on which recording tracks are formed by a stationary magnetic head diametrically opposite to the tape on the rear side of the tape.



CONSTITUTION: The both-face magnetic tape 11 is constituted by coating and forming the magnetic layers 15, 16 consisting of iron oxide or metal alloy respectively via primer coating layer 13, 14 on both faces of a polyester resin material 12 which is a tape base. The rear magnetic layer 16 formed on the rear side of the tape is used for 4-channel recording by the stationary magnetic head 17 consisting of a multitrack head and is formed with 4 pieces of the tracks with guard bands of a specified spacing in-between. Both faces of the tape are thereby utilized as the recording faces for the rotary magnetic head and the stationary magnetic head. The recording capacity per unit length of the tape is thus greatly enhanced by making best use of the two faces of the tape.



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